

Emergency Urban Sanitation Challenges & Solutions

Bob Reed

Education, training, research and consultancy for improved planning, provision and management of physical infrastructure and services for development in low- and middle-income countries, focusing on the needs and demands of the poor.

Where to start?

January – September 2010

236,000 killed by disasters

256 million affected

\$81 Billion in losses

Similar values for last decade

MOSTLY URBAN AREAS

Source: UNISDR 2010

Urban emergency sanitation is very challenging



Wide variety of scenario

Wide range of options



We don't do it very well!!

Here are some of the reasons

Physical constraints

High densities



Scattered need



Logistics



Poor existing service level



Toilet technology



What to do with the waste



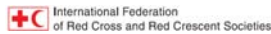
Other issues

Money



DFID spending \$500k per week on latrine emptying in Port-au-Prince.

Capacity



Not enough organisations

Not enough people

Poor skills

Low retention

Management



Who's in charge?

What to do?

7 Steps to nirvana!

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Thank you